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SEQUENCE LISTING

<110> Monash University

<120> Novel Therapeutic Molecules and Uses Therefor

<130> JMS/TDO/dk

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<170> PatentIn Ver. 2.0

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Met Leu Asp

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tcg gtg aca cac agc acc ttc ctg cct aat gca tcc ttc tgc gat ccc 166

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Leu Met Ser Trp Thr Asp Leu Phe Ser Asn Glu Glu Tyr Tyr Pro Ala

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ttt gag cat cag aca gcc tgt gac tca tac tgg aca tca gtc cac cct 262

Phe Glu His Gln Thr Ala Cys Asp Ser Tyr Trp Thr Ser Val His Pro

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gaa tac tgg act aag cgc cat gtg tgg gag tgg ctc cag ttc tgc tgc 310

Glu Tyr Trp Thr Lys Arg His Val Trp Glu Trp Leu Gln Phe Cys Cys

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 Asp Gln Tyr Lys Leu Asp Thr Asn Cys Ile Ser Phe Cys Asn Phe Asn
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atc agt ggc ctg cag ctg tgc agc atg aca cag gag gag ttc gtc gag 406
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gca gct ggc ctc tgc ggc gag tac ctg tac ttc atc ctc cag aac atc 454
 Ala Ala Gly Leu Cys Gly Glu Tyr Leu Tyr Phe Ile Leu Gln Asn Ile
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cgc aca caa ggt tac tcc ttt ttt aat gac gct gaa gaa agc aag gcc 502
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 135 140 145

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cat cta tgg gaa ttt gta cga gac ctg ctt cta tct cct gaa gaa aac 646
 His Leu Trp Glu Phe Val Arg Asp Leu Leu Leu Ser Pro Glu Glu Asn
 165 170 175

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 Cys Gly Ile Leu Glu Trp Glu Asp Arg Glu Gln Gly Ile Phe Arg Val
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gtt aaa tcg gaa gcc ctg gca aag atg tgg gga caa agg aag aaa aat 742
 Val Lys Ser Glu Ala Leu Ala Lys Met Trp Gly Gln Arg Lys Lys Asn
 200 205 210

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 Asp Arg Met Thr Tyr Glu Lys Leu Ser Arg Ala Leu Arg Tyr Tyr Tyr
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 Lys Thr Gly Ile Leu Glu Arg Val Asp Arg Arg Leu Val Tyr Lys Phe
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Val His Pro Glu Tyr Trp Thr Lys Arg His Val Trp Glu Trp Leu Gln
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Phe Cys Cys Asp Gln Tyr Lys Leu Asp Thr Asn Cys Ile Ser Phe Cys
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Asn Phe Asn Ile Ser Gly Leu Gln Leu Cys Ser Met Thr Gln Glu Glu
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Phe Val Glu Ala Ala Gly Leu Cys Gly Glu Tyr Leu Tyr Phe Ile Leu
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Gln Asn Ile Arg Thr Gln Gly Tyr Ser Phe Phe Asn Asp Ala Glu Glu
 115 120 125

Ser Lys Ala Thr Ile Lys Asp Tyr Ala Asp Ser Asn Cys Leu Lys Thr
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Gln Ser Ser His Leu Trp Glu Phe Val Arg Asp Leu Leu Leu Ser Pro
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- 4 -

Glu Glu Asn Cys Gly Ile Leu Glu Trp Glu Asp Arg Glu Gln Gly Ile
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Phe Arg Val Val Lys Ser Glu Ala Leu Ala Lys Met Trp Gly Gln Arg
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Lys Lys Asn Asp Arg Met Thr Tyr Glu Lys Leu Ser Arg Ala Leu Arg
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1

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Asn Ala Ser Leu Cys Asp Pro Leu Met Ser Trp Thr Asp Leu Phe Ser

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Asn Glu Glu Tyr Tyr Pro Ala Phe Glu His Gln Thr Asp Ala Asp Ser

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Tyr Pro Ala Phe Glu His Gln Thr Asp Ala Asp Ser Asn Cys Leu Lys
 35 40 45

Thr Ser Gly Ile Lys Ser Gln Asp Cys His Ser His Ser Arg Thr Ser
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Leu Gln Ser Ser His Leu Trp Glu Phe Val Arg Asp Leu Leu Leu Ser
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Pro Glu Glu Asn Cys Gly Ile Leu Glu Trp Glu Asp Arg Glu Gln Gly
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Ile Phe Arg Val Val Lys Ser Glu Ala Leu Ala Lys Met Trp Gly Gln
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Arg Lys Lys Asn Asp Arg Met Thr Tyr Glu Lys Leu Ser Arg Ala Leu
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Met
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ttg gac tcc gta acc cat agc acc ttc ctg ccc aac gca tcc ttc tgt 167
Leu Asp Ser Val Thr His Ser Thr Phe Leu Pro Asn Ala Ser Phe Cys
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Asp Pro Leu Met Pro Trp Thr Asp Leu Phe Ser Asn Glu Asp Tyr Tyr
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cct gcc ttt gag cat cag aca gcc tgt gat tcc tac tgg aca tca gtg 263
Pro Ala Phe Glu His Gln Thr Ala Cys Asp Ser Tyr Trp Thr Ser Val
35 40 45

cac cct gaa tac tgg acc aag cgc cat gtc tgg gaa tgg ctc caa ttc 311
His Pro Glu Tyr Trp Thr Lys Arg His Val Trp Glu Trp Leu Gln Phe
50 55 60 65

tgc tgt gac cag tac aag ctt gat gcc aac tgc atc tcc ttc tgt cac 359
Cys Cys Asp Gln Tyr Lys Leu Asp Ala Asn Cys Ile Ser Phe Cys His
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- 9 -

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Ile Glu Ala Ala Gly Ile Cys Gly Glu Tyr Leu Tyr Phe Ile Leu Gln	
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Asn Ile Arg Ser Gln Gly Tyr Ser Phe Phe Asn Asp Ala Glu Glu Thr	
115 120 125	
aag act ggc atc aaa gac tat gct gat tcc agt tgc ttg aaa aca agt	551
Lys Thr Gly Ile Lys Asp Tyr Ala Asp Ser Ser Cys Leu Lys Thr Ser	
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Gly Ile Lys Ser Gln Asp Cys His Ser Arg Thr Ser Leu Gln Ser Ser	
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Cys Gly Ile Leu Glu Trp Glu Asp Arg Glu Gln Gly Ile Phe Arg Val	
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Val Lys Ser Glu Ala Leu Ala Lys Met Trp Gly Gln Arg Lys Lys Asn	
195 200 205	
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Asp Arg Met Thr Tyr Glu Lys Leu Ser Arg Ala Leu Arg Tyr Tyr Tyr	
210 215 220 225	
aaa acg aga att ctg gag cgg gtt gac cgg agg tta gtg tac aaa ttt	839
Lys Thr Arg Ile Leu Glu Arg Val Asp Arg Arg Leu Val Tyr Lys Phe	
230 235 240	
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Gly Lys Asn Ala His Gly Trp Gln Glu Glu Lys Leu	
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Tyr Pro Ala Phe Glu His Gln Thr Ala Cys Asp Ser Tyr Trp Thr Ser
 35 40 45

Val His Pro Glu Tyr Trp Thr Lys Arg His Val Trp Glu Trp Leu Gln
 50 55 60

Phe Cys Cys Asp Gln Tyr Lys Leu Asp Ala Asn Cys Ile Ser Phe Cys
 65 70 75 80

His Phe Asn Ile Ser Gly Leu Gln Leu Cys Ser Met Thr Gln Glu Glu
 85 90 95

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- 11 -

Phe Ile Glu Ala Ala Gly Ile Cys Gly Glu Tyr Leu Tyr Phe Ile Leu
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Gln Asn Ile Arg Ser Gln Gly Tyr Ser Phe Phe Asn Asp Ala Glu Glu
 115 120 125

Thr Lys Thr Gly Ile Lys Asp Tyr Ala Asp Ser Ser Cys Leu Lys Thr
 130 135 140

Ser Gly Ile Lys Ser Gln Asp Cys His Ser Arg Thr Ser Leu Gln Ser
 145 150 155 160

Ser His Leu Trp Glu Phe Val Arg Asp Leu Leu Leu Ser Pro Glu Glu
 165 170 175

Asn Cys Gly Ile Leu Glu Trp Glu Asp Arg Glu Gln Gly Ile Phe Arg
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Val Val Lys Ser Glu Ala Leu Ala Lys Met Trp Gly Gln Arg Lys Lys
 195 200 205

Asn Asp Arg Met Thr Tyr Glu Lys Leu Ser Arg Ala Leu Arg Tyr Tyr
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